IN THE UNITED STATES PATENT AND TRADEMARK OFFICE Divisional Of:

Applicant:

James A. Thomson

Serial No.:

08/591,246

Filed:

January 18, 1996

Title:

PRIMATE EMBRYONIC STEM CELLS

Art Unit:

1815

Examiner:

B. Brumback

APPOINTMENT OF ASSOCIATE ATTORNEY

Assistant Commissioner For Patents Washington, D.C. 20231

Dear Sir:

I am the principal attorney in the above-identified patent application and its parent case. Pursuant to 37 C.F.R. 1.34(b), I hereby appoint Carl R. Schwartz, Reg. No. 29,437 as an associate attorney to prosecute and transact business in the U.S. Patent and Trademark Office in connection with the divisional patent application.

I also agree that all future correspondence in the divisional application may be forwarded to the attention of Carl R. Schwartz, c/o Quarles & Brady, 411 E. Wisconsin Ave., Milwaukee, WI 53202, telephone: (414) 277-5715.

Respectfully submitted,

James A. Thomson

Dated: June 10 , 1998

Micholas J. Seay

Registration No. 27,386

Quarles & Brady Firstar Plaza

One South Pinckney Street

Madison, WI 53701

(608) 283-2484

MKE\4192127

DECLARATION AND WER OF ATTORNEY FOR DESIGN AND UTILITY PATENT ORIGINAL APPLICATION

AFTORNEY'S DOCKET NO.: 960296.93723

As a below named inventor, I hereby declare that:			
My residence, post office address and citizenship are as st	ated below next to my nan	ne.	
I believe that I am the original, first and sole inventor (if or plural names are listed below) of the subject matter which Primate imbryonic Stem Cells, the specification of which [X] is attached hereto, [] was filed on as Application No and	(check one)	a patent is sought or	st and joint inventor :: I the invention entitled
I hereby state that I have reviewed and understand the commended by any amendment referred to above.			icluding the claims. 48
I acknowledge the duty to disclose information which i Regulations § 1.56.	s material to patentability	as defined in Title	: 37. Code of Federal
I hereby claim foreign priority benefits under Title 35, Unit inventor's certificate listed below and have also identified be a filing date before that of the application on which priorit	elow any foreign application	i) of any foreign app on for patent or inven	lication(s) for patent or tor's certificate having
		Priority	Claimed
(Number) (Country)	(Day 24 24 27 27 27	[] Yes	[] No
(,,	(Day/Month/Year Fil		
I hereby claim the benefit under Title 35, United States Code	e § 119(e) of any United Si	ates provisional appl	ication(s) listed below:
(Application No.) (Filing D	ale)		
I hereby claim benefit under Title 35, United States Code §	•	Linesian (-) Lines de la	
subject matter of each of the claims of this application is not in the first paragraph of Title 35. United States Code §112, Title 37. Code of Federal Regulations § 1.56(a) which occur or PCT international filing date of this application.	I acknowledge the duty to	disclose material inf	ormation as defined in
08/376,327 January	, 20, 1995	Pending	
(Application No.) (Filing		(Status - patented, pend	-
I hereby appoint the following attorney(s) and/or agent(s application based thereon, and to transact all business in the 27.386, Jean C. Baker 35.433, Bennett J. Berson 37.094. Di 5000. Address all correspondence to: Nicholas J. Seay, c/ I hereby declare that all statements made herein of my own belief are believed to be true; and further that these statements is made are punishable by fine or imprisonment, or that these statements is made are punishable by fine or imprisonment, or that these statements is the like so made are punishable by fine or imprisonment.	e Patent and Trademark Of rect all telephone calls to be of Quaries & Brady, P.O. I knowledge are true and the lents were made with the knowledge are true and the lents were made with the knowledge are true and the lents were made with the knowledge.	fice connected therevolves and telescope at the Box 2113, Madison, that all statements main only ledge that will find the University of Title 18 of the University and the University of Title 18 of the University and University and University and University and University and Uni	vith: Nicholas J. Seay lephone no. (608) 251- WI 53701-2113. de on information and Il false statements and Inited States Code and
that such willful false statements may jeopardize the validit	ry of the application or any	y patent issuing there	eon.
FULL NAME OF SOLE OR FIRST INVENTOR	INVENTOR'S SIGNATURE	. 5	DATE
James A. Thomson	homes thomas		1/19/76
RESIDENCE	1	CITIZENSHIP	<u> </u>
Madison, Wisconsin		us	
POST OFFICE ADDRESS		08	
2451 Fiedler Lane #3, Madison, WI	53713		
FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	<u> </u>	DATE
SOLUTION TO SECOND SOLUTION	WENTON'S SIGNATURE		DATE
RESIDENCE	:	CITIZENSHIP	
POST OFFICE ADDRESS			

^[] Additional inventors are being named on separately numbered sheets attached hereto.



OCTOBER 16, 1996

PTAS WISCONSIN ALUMNI RESEARCH FOUNDATION KAREN MCKINNEY 614 WALNUT STREET MADISON, WI 53705

UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS Washington, D.C. 20231

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/29/1996

REEL/FRAME: 8063/0120 NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

THOMSON, JAMES A.

DOC DATE: 07/02/1996

ASSIGNEE:

WISCONSIN ALUMNI RESEARCH FOUNDATION 614 WALNUT STREET MADISON, WISCONSIN 53705

SERIAL NUMBER: 08591246

PATENT NUMBER:

FILING DATE: 01/18/1996

ISSUE DATE:

ANNIE HARRELL, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

ASSIGNMENT (Sole Inventor)

I am the person identified below as the "Inventor." I have made a certain new and useful invention (the "Invention"), as set forth in an application for United States Letters Patent, bearing substantially the following title and bearing the following serial number. The application was executed by me, and it was filed on the indicated date:

Title: PRIMATE EMBRYONIC STEM CELLS

The assignee under this agreement is hereby authorized to insert the filing date and serial number referred to above, when ascertained.

For good and valuable consideration, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation (hereinafter "WARF") a non-stock, non-profit Wisconsin corporation, and to its legal representatives, successors, and assigns, my entire right, title and interest in and to the Invention and to all United States and foreign patent applications any of whose claims cover all or part of the Invention, together with all patents resulting from such applications. WARF shall hold such right, title, and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I agree, upon WARF's request, to execute or assent to such United States and foreign patent applications and to execute all separate assignments and other legal documents that WARF may find necessary or desirable in its exercise of the right, title, and interest assigned above. I also agree to communicate to WARF any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to WARF and to testify as to such facts in any interferences or in litigation, if requested to do so. I shall do all these things without additional compensation but at no expense to me.

I hereby request the Commissioner of Patents to issue to WARF, as the owner of my entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.

Inventor: Janie Hanner	Date: 7/2/96
James A. Thomson, WRPRC (2451 Fiedler Lane #3 1222 (4p) (7) (7) (Madison, WI 53713 53705	
State of Wisconsin)	
County of Dane) On this day of personally appeared James A. Thomson, known to person identified above as the "Inventor," who instrument and acknowledged to me that he or sithe uses and purposes therein set forth.	executed the above
SEAL (Million hel) Notary Public	/
My Commission expires: REF: P96014US	12/13/98